



Espacenet

Bibliographic data: JP61218516 (A) — 1986-09-29**PRODUCTION OF SUSTAINED RELEASE MICROCAPSULE****Inventor(s):** TAKEUCHI HIROFUMI; KAWASHIMA YOSHIAKI; HANADA TETSUO; CHIKAMATSU YOSHIHIRO ±**Applicant(s):** ICHIMARU PHARCOS INC, KAWASHIMA YOSHIAKI ±**Classification:** - **A61K9/50; A61K9/62; (IPC1-7): A61K9/50**
- **European:****Application number:** JP19850060487 19850325**Priority number (s):** JP19850060487 19850325**Abstract of JP61218516 (A)**

PURPOSE: To obtain the filled capsule having improved sustained release properties by a simple operation, by adding a main drug to an aqueous solution of hydroxypropylmethyl cellulose which may contain hydroxypropyl cellulose and spray drying the solution by spray drying granulation method. **CONSTITUTION:** A main drug is added to an aqueous solution of hydroxypropylmethyl cellulose (HPMC for short) or HPMC and hydroxypropyl cellulose (HPC for short), which is poured to a spray drier while stirring, spray dried, to give sustained release microcapsule. Microcapsule formation can be carried out without using an organic solvent at all by using HPMC or HPC as a film substance, operation is simplified and productivity is improved. The microcapsule has improved sustained release properties, can be directly tablet and tablet can be made.

Last updated: 5.12.2011 Worldwide Database 5.7.31.82p